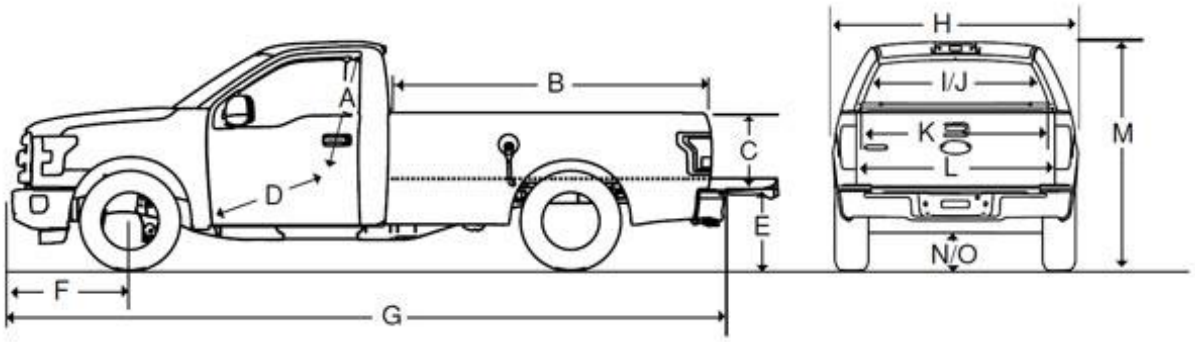
2016 F-150 Dimensions
Regular Cab



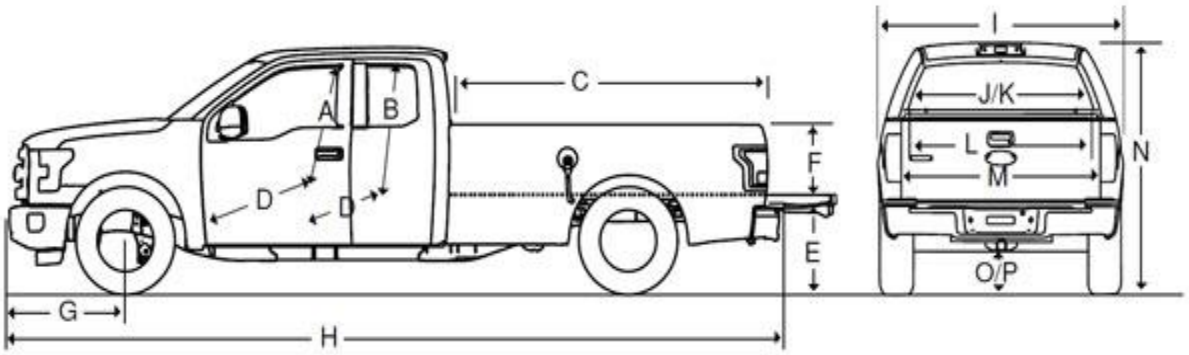
Drive		4x2		4x4	
Cargo Box (ft.)		6.5	8.0	6.5	8.0
Wheelbase (in.)		122.4	141.1	122.4	141.1
Code	Description (in.)				
A	Head Room	40.8	40.8	40.8	40.8
B	Inside Length[1] (at floor)	78.9	97.6	78.9	97.6
C	Inside Height[1]	21.4	21.4	21.4	21.4
D	Leg Room (maximum)	43.9	43.9	43.9	43.9
E	Open Tailgate to Ground (Empty)[2]	34.7	34.8	36.9	36.5
F	Front Overhang	37.8	37.8	37.8	37.8
G	Overall Length	209.3	227.9	209.3	227.9
H	Width (Max.) (excluding mirrors)	79.9	79.9	79.9	79.9
I	Shoulder Room	66.7	66.7	66.7	66.7
J	Hip Room	62.5	62.5	62.5	62.5
K	Width Between Wheelhouses[1]	50.6	50.6	50.6	50.6
L	Max. Load Width[1] (at floor)	65.2	65.2	65.2	65.2
M	Cab Height (Empty)[2]	75.5	75.1	76.9	76.9
N	Ground Clearance (front)	8.9	8.5	9.9	10.3
O	Ground Clearance (rear)	8.8	8.8	9.4	9.4

(1) Pickup box. Also refer to Pickup Box Dimensions.

(2) The height data shown represents dimensions of a nominal vehicle with no options. Actual height may vary due to production tolerances.

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2016 F-150 Dimensions
SuperCab



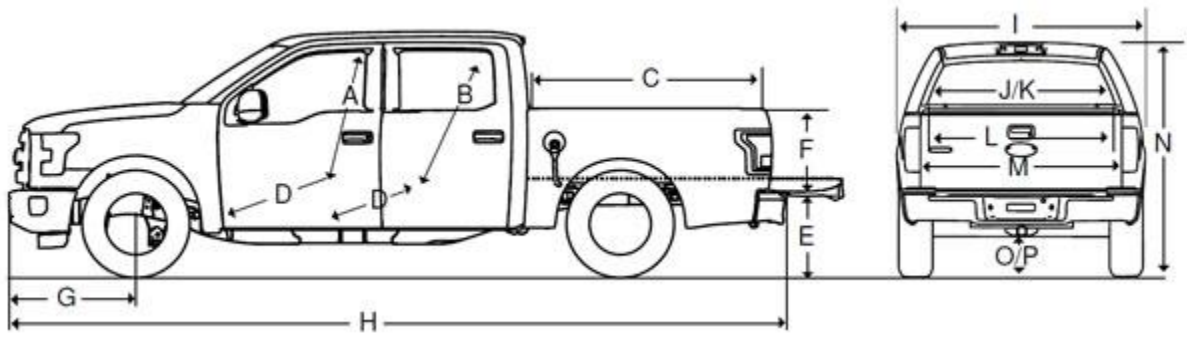
Drive		4x2		4x4	
Cargo Box (ft.)		6.5	8.0	6.5	8.0
Wheelbase (in.)		145.0	163.7	145.0	163.7
Code	Description (in.)				
A	Head Room (Front)	40.8	40.8	40.8	40.8
B	Head Room (Rear)	40.3	40.3	40.3	40.3
C	Inside Length(1) (at floor)	78.9	97.6	78.9	97.6
D	Leg Room (Front) (maximum)	43.9	43.9	43.9	43.9
	Leg Room (Rear)	33.5	33.5	33.5	33.5
E	Open Tailgate to Ground (Empty)(2)	34.1	34.5	35.9	35.7
F	Inside Height(1)	21.4	21.4	21.4	21.4
G	Front Overhang	37.8	37.8	37.8	37.8
H	Overall Length	231.9	250.5	231.9	250.5
I	Width (Max.) (excluding mirrors)	79.9	79.9	79.9	79.9
J	Shoulder Room (Front)	66.7	66.7	66.7	66.7
	Shoulder Room (Rear)	65.8	65.8	65.8	65.8
K	Hip Room (Front)	62.5	62.5	62.5	62.5
	Hip Room (Rear)	64.7	64.7	64.7	64.7
L	Width Between Wheelhouses(1)	50.6	50.6	50.6	50.6
M	Max. Load Width(1) (at floor)	65.2	65.2	65.2	65.2
N	Cab Height (Empty)(2)	75.5	75.5	77.2	77.0
O	Ground Clearance (front)	8.7	8.6	10.3	10.3
P	Ground Clearance (rear)	8.8	8.7	9.3	9.3

(1) Pickup box. Also refer to Pickup Box Dimensions.

(2) The height data shown represents dimensions of a nominal vehicle with no options. Actual height may vary due to production tolerances.

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2016 F-150 Dimensions
SuperCrew



Drive		4x2		4x4	
Cargo Box (ft.)		5.5	6.5	5.5	6.5
Wheelbase (in.)		145.0	156.8	145.0	156.8
Code	Description (in.)				
A	Head Room (Front)	40.8	40.8	40.8	40.8
B	Head Room (Rear)	40.4	40.4	40.4	40.4
C	Inside Length(1) (at floor)	67.1	78.9	67.1	78.9
D	Leg Room (Front) (maximum)	43.9	43.9	43.9	43.9
	Leg Room (Rear)	43.6	43.6	43.6	43.6
E	Open Tailgate to Ground (Empty)(2)	34.0	34.6	35.7	36.1
F	Inside Height(1)	21.4	21.4	21.4	21.4
G	Front Overhang	37.8	37.8	37.8	37.8
H	Overall Length	231.9	243.7	231.9	243.7
I	Width (Max.) (excluding mirrors)	79.9	79.9	79.9	79.9
J	Shoulder Room (Front)	66.7	66.7	66.7	66.7
	Shoulder Room (Rear)	65.9	65.9	65.9	65.9
K	Hip Room (Front)	62.5	62.5	62.5	62.5
	Hip Room (Rear)	64.7	64.7	64.7	64.7
L	Width Between Wheelhouses(1)	50.6	50.6	50.6	50.6
M	Max. Load Width(1) (at floor)	65.2	65.2	65.2	65.2
N	Cab Height (Empty)(2)	75.6	75.7	77.2	77.3
O	Ground Clearance (front)	8.8	8.4	10.2	10.2
P	Ground Clearance (rear)	8.7	8.7	9.3	9.3

(1) Pickup box. Also refer to Pickup Box Dimensions.

(2) The height data shown represents dimensions of a nominal vehicle with no options. Actual height may vary due to production tolerance **NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2016 F-150 Dimensions (Interior Volume)

Regular Cab

Cab Position	Volume (cu. ft.)
Front Passenger	64.6
Cargo Volume Behind First Row	12.1

SuperCab

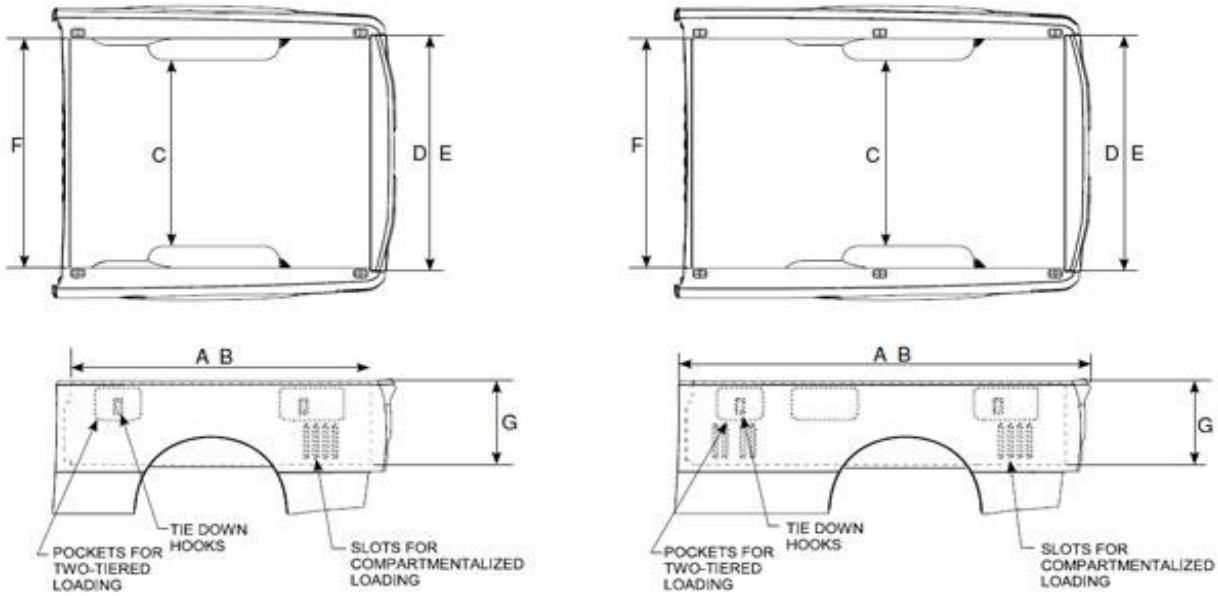
Cab Position	Volume (cu. ft.)	
	6.5-ft. box	8.0-ft. box
Front Passenger	64.6	64.6
Rear Passenger	51.4	51.4
Total Passenger	116.0	116.0
Cargo Volume Behind First Row Rear-seat Cushion Folded Up	31.6	31.6

SuperCrew

Cab Position	Volume (cu. ft.)	
	5.5-ft. box	6.5-ft. box
Front Passenger	64.6	64.6
Rear Passenger	67.1	67.1
Total Passenger	131.8	131.8
Cargo Volume Behind First Row Rear-seat Cushion Folded Up	51.9	51.9

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2016 F-150 Dimensions (Pickup Box Dimensions)



Box Size (ft.)		5.5[1]	6.5[2]	8.0[3]
Code	**Description (in.)**			
A	Cargo Body Length @ Floor	67.1	78.9	97.6
B	Cargo Body Length @ Top	65.4	77.2	95.9
C	Cargo Width @ Wheelhouse	50.6	50.6	50.6
D	Rear Opening Width @ Floor	60.3	60.3	60.3
E	Rear Opening Width @ Top	60.3	60.3	60.3
F	Cargo Body Maximum Inside Width	65.2	65.2	65.2
G	Cargo Body Height with Molding	21.4	21.4	21.4
	Cargo Box Volume[4]	52.8	62.3	77.4

(1) On 145.0" wheelbase SuperCrew.

(2) On 122.4" wheelbase Regular Cab, 145.0" wheelbase SuperCab and 156.8" wheelbase SuperCrew.

(3) On 141.1" wheelbase Regular Cab and 163.7" wheelbase SuperCab.

(4) Does not include allowances for wheelhouses.

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2016 F-150 (Fuel Tank Capacity)

Regular Cab

Wheelbase (in.)	Location	Capacity (gallons)	
		Standard	Available
122.4 (4x2/4x4)	Midship	23.0	—
141.1 (4x2/4x4)	Midship	23.0	36.0

SuperCab

Wheelbase (in.)	Location	Capacity (gallons)	
		Standard	Available
145.0 (4x2/4x4)	Midship	23.0	36.0
163.7 (4x2/4x4)	Midship	23.0	36.0

SuperCrew

Wheelbase (in.)	Location	Capacity (gallons)	
		Standard	Available
145.0 (4x2/4x4)	Midship	23.0	36.0
156.8 (4x2/4x4)	Midship	23.0	36.0

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2016 F-150
Styleside Pickup – GVWR/Payload/OPT & ARC/GAWR (Front Computer-Selected)/Base Curb Weight

Cab Style/ Drive/WB (in.)	Engine	Max. GVWR (lbs.)	Max. Payload (lbs.)[1]	Min. OPT/ ARC Weight (lbs.)[2]	Max. GAWR (lbs.)[3]		Base Curb Weight (lbs.)		
					Front	Rear	Front	Rear	Total
Regular Cab 4x2 122	3.5L Ti-VCT	6010	1910	1168	3000	3300	2363	1688	4051
	2.7L EcoBoost	6010	1820	1077	3000	3300	2443	1696	4139
	5.0L Ti-VCT	6200	1900	1162	2850	3800	2462	1790	4252
Regular Cab 4x2 141	3.5L Ti-VCT	6100	1900	1082	3000	3300	2466	1686	4152
	2.7L EcoBoost	6100	1820	981	3150	3300	2540	1691	4231
	2.7L EcoBoost[4]	6650	2210	1399	3150	3800	2597	1791	4388
	5.0L Ti-VCT	6750	2340	1506	3150	3800	2617	1743	4360
	3.5L EcoBoost	7050	2580	1737	3150	4050	2634	1786	4420
	5.0L Ti-VCT[5]	7600	3040	2332	3400	4550	2676	1832	4508
	5.0L Ti-VCT[6]	7850	3270	2516	3400	4800	2679	1847	4526
	3.5L EcoBoost[5]	7600	3010	2316	3400	4550	2670	1868	4538
	3.5L EcoBoost[6]	7850	3240	2495	3400	4800	2673	1883	4556
SuperCab 4x2 145	3.5L Ti-VCT	6100	1660	238	3225	3300	2548	1846	4394
	2.7L EcoBoost	6250	1720	224	3375	3300	2633	1846	4479
	2.7L EcoBoost[4]	6750	2120	645	3375	3800	2661	1922	4583
	5.0L Ti-VCT	6900	2310	821	3375	3800	2665	1870	4535
	3.5L EcoBoost	6900	2270	766	3375	3800	2667	1914	4581
SuperCab 4x2 164	2.7L EcoBoost	6500	1830	331	3500	3300	2726	1895	4621
	2.7L EcoBoost[4]	6900	2160	693	3600	3800	2775	1910	4685
	5.0L Ti-VCT	7000	2290	800	3600	3800	2775	1881	4656
	3.5L EcoBoost	7050	2260	759	3600	4050	2802	1936	4738
	5.0L Ti-VCT[5]	7600	2740	1544	3750	4550	2832	1974	4806
	5.0L Ti-VCT[6]	7850	2970	1610	3750	4800	2835	1989	4824
	3.5L EcoBoost[5]	7600	2720	1538	3750	4550	2823	2002	4825
	3.5L EcoBoost[6]	7850	2950	1603	3750	4800	2826	2017	4843
SuperCrew 4x2 145	3.5L Ti-VCT	6150	1610	192	3225	3300	2586	1903	4489
	2.7L EcoBoost	6250	1640	131	3375	3300	2652	1908	4560
	2.7L EcoBoost[4]	6650	1950	469	3375	3800	2676	1971	4647
	5.0L Ti-VCT	6800	2160	656	3375	3800	2673	1917	4590
	3.5L EcoBoost[7]	6750	1720	681	3300	3800	2851	2126	4977
	3.5L EcoBoost	6800	2120	607	3375	3800	2667	1962	4629

Cab Style/ Drive/WB (in.)	Engine	Max. GVWR (lbs.)	Max. Payload (lbs.)[1]	Min. OPT/ ARC Weight (lbs.)[2]	Max. GAWR (lbs.)[3]		Base Curb Weight (lbs.)		
					Front	Rear	Front	Rear	Total
SuperCrew 4x2 157	2.7L EcoBoost	6350	1710	192	3450	3300	2725	1860	4585
	2.7L EcoBoost[4]	6800	2080	579	3450	3800	2731	1942	4673
	5.0L Ti-VCT	6950	2280	758	3450	3800	2729	1894	4623
	3.5L EcoBoost	7000	2260	737	3525	3800	2748	1937	4685
	5.0L Ti-VCT[5]	7600	2680	1483	3750	4550	2847	2020	4867
	5.0L Ti-VCT[6]	7850	2910	1528	3750	4800	2850	2035	4885
	3.5L EcoBoost[5]	7600	2660	1480	3400	4550	2835	2049	4884
	3.5L EcoBoost[6]	7850	2890	1523	3750	4800	2838	2064	4902
Regular Cab 4x4 122	3.5L Ti-VCT	6050	1700	990	3000	3300	2557	1748	4305
	2.7L EcoBoost	6050	1590	869	3000	3300	2648	1761	4409
	5.0L Ti-VCT	6400	1830	1083	3150	3800	2707	1809	4516
Regular Cab 4x4 141	3.5L Ti-VCT	6100	1660	866	3150	3300	2699	1694	4393
	2.7L EcoBoost	6250	1690	868	3300	3300	2807	1707	4514
	2.7L EcoBoost[4]	6800	2110	1317	3375	3800	2844	1796	4640
	5.0L Ti-VCT	6950	2290	1437	3375	3800	2824	1774	4612
	3.5L EcoBoost	7050	2360	1535	3300	4050	2800	1842	4642
	5.0L Ti-VCT[5]	7600	2810	2078	3400	4550	2884	1857	4741
	5.0L Ti-VCT[6]	7850	3040	2261	3750	4800	2887	1872	4759
	3.5L EcoBoost[5]	7600	2800	2080	3400	4550	2868	1884	4752
	3.5L EcoBoost[6]	7850	3010	2241	3400	4800	2890	1899	4789
SuperCab 4x4 145	3.5L Ti-VCT	6300	1600	205	3450	3300	2782	1865	4647
	2.7L EcoBoost	6500	1660	178	3600	3300	2888	1895	4783
	2.7L EcoBoost[4]	7000	2110	652	3600	3800	2898	1943	4841
	5.0L Ti-VCT	7050	2200	684	3600	3800	2898	1903	4801
	3.5L EcoBoost	7050	2150	668	3600	3800	2896	1948	4844
SuperCab 4x4 164	5.0L Ti-VCT	7000	2010	499	3650	3800	2899	2033	4932
	3.5L EcoBoost	7050	1990	503	3650	4050	2888	2121	5009
	5.0L Ti-VCT[5]	7600	2490	1277	3750	4550	2988	2063	5051
	5.0L Ti-VCT[6]	7850	2730	1339	3750	4800	2991	2078	5069
	3.5L EcoBoost[5]	7600	2480	1277	3750	4550	2976	2089	5065
	3.5L EcoBoost[6]	7850	2710	1337	3750	4800	2979	2104	5083

Cab Style/ Drive/WB (in.)	Engine	Max. GVWR (lbs.)	Max. Payload (lbs.)[1]	Min. OPT/ ARC Weight (lbs.)[2]	Max. GAWR (lbs.)[3]		Base Curb Weight (lbs.)		
					Front	Rear	Front	Rear	Total
SuperCrew 4x4 145	3.5L Ti-VCT	6350	1570	165	3450	3300	2807	1922	4729
	2.7L EcoBoost	6500	1630	140	3500	3300	2885	1931	4816
	2.7L EcoBoost[4]	6900	1960	492	3600	3800	2896	1993	4889
	5.0L Ti-VCT	7000	2100	573	3600	3800	2899	1951	4850
	3.5L EcoBoost[7]	6750	1450	409	3525	3800	3077	2161	5238
	3.5L EcoBoost	7000	2060	560	3600	3800	2893	1997	4890
SuperCrew 4x4 157	5.0L Ti-VCT	7050	2100	563	3650	3800	2964	1931	4895
	3.5L EcoBoost	7050	2060	549	3650	3800	2960	1977	4937
	5.0L Ti-VCT[5]	7600	2430	1213	3750	4550	3082	2034	5116
	5.0L Ti-VCT[6]	7850	2660	1253	3750	4800	3085	2049	5134
	3.5L EcoBoost[5]	7600	2420	1217	3750	4550	3066	2060	5126
	3.5L EcoBoost[6]	7850	2650	1254	3750	4800	3069	2075	5144

(1) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by available equipment weight.

(2) OPT/ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment. Accessory Reserve Capacity (ARC) for models with standard equipment and the engine/transmission combination indicated.

(3) Gross Axle Weight Rating (GAWR) is determined by the rated capacity of the minimum component of the axle system (axle, computer-selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVWR.

(4) Ratings based on 2.7L EcoBoost V6 Payload Package (622).

(5) Ratings based on 17" tire/wheel. Refer to the Heavy-duty Payload Package (627) for details.

(6) Ratings based on 18" tire/wheel. Refer to the Heavy-duty Payload Package (627) for details.

(7) Limited model.

NOTE: Refer to Standard Equipment for Standard Powertrain/Chassis Equipment Specifications.

2016 F-150
F-150 4x2 Styleside Pickup[1, 2]

POWERTRAIN:		Refer to the Ordering Guide for 50 States Usage
Engine	Type	3.5L Ti-VCT V6
Transmission	Type	6R80E 6-speed Auto OD
AXLES:		
Front Axle	Type	Long-spindle Double-wishbone, Coil-over-shock IFS
	Capacity (Rating @ Ground)	3000 lbs. Regular Cab, 3225 lbs. SuperCab and SuperCrew
Rear Axle	Type	Semi-floating
	Capacity (Rating @ Ground)	3300 lbs.
BRAKES:		
Front/Rear Disc	Type	Vented, Twin-piston Front and Single-piston Rear Caliper
	Rotor Diameter — Front/Rear	13.8"/13.7"
Power Assist Unit	Type	Tandem-diaphragm
	Effective Diameter	9.07" Front/8.98" Rear
Anti-Lock Braking System		4-wheel (4-channel with Electronic Brake Force Distribution)
Parking Brake (Rear Brakes)		Foot-operated, Hand Release
ELECTRICAL:		
Alternator	Rating	200 Amp, 2700 Watt/240 Amp, 3240 Watt
Battery	Type	Maintenance-free (Battery Saver System Standard)
	Rating	70 Amp-hr., 610 CCA; 80 Amp-hr., 730 CCA
Harnesses	Type	3-pin Connector
FUEL TANK:	Capacity	23.0 Gal.
JACK:	Capacity	2 Tons
STEERING:	Type	Power, Rack-and-pinion; Electric Power-assist
	Ratio	20.0:1 122" WB, 141" WB, 17.0:1 145" WB, 157" WB, 164" WB

Continued next page.

2016 F-150
F-150 4x2 Styleside Pickup[1, 2]
(continued)

SUSPENSION:		
Frame	Type	Fully boxed, modular high-strength steel with 8 crossmembers that are welded on both sides
	Section Modulus (cu. in.)	See Frame Specifications
Springs, Front	Type	Coil, Computer-selected
	Rating @ Ground (min.)	NA
Springs, Rear	Type	Leaf, Two-stage Variable-rate, Computer-selected
	Rating @ Ground (min.)	NA
Shock Absorbers	Gas-type	Front 1.38"/Rear 1.26"
Stabilizer Bar	Position/Diameter/Type	Front/36 mm/Hollow(3)
TIRES:	Type	Steel-belted Radial All-season Less 8200-lb. GVWR; Steel-belted Radial All-terrain with 8200-lb. GVWR
	Size	Five P235/75Rx17 BSW Less 8200-lb. GVWR; Five LT245/75R17E BSW with 8200-lb. GVWR
	Spare Tire Carrier	Rear Underframe, Winch-type with Safety Catch (Locking-type, Lock Cylinder in Rear Bumper Opened by Ignition Key)
WHEELS:	Type and Size	Four 17" x 7.5" Gray Styled Steel with Same-size Steel Spare (6-hole Disc); Five 17" x 7.5" 7-lug Steel (7-hole Disc) with 8200-lb. GVWR

(1) 8200-lb. GVWR is included with the available Heavy-duty Payload Package (627) and requires either the 5.0L Ti-VCT V8 or 3.5L Ti-VCT V6 engine. In addition to the equipment listed above, this package also includes Super Engine Cooling, 9-channel oil-to-air auxiliary transmission oil cooler, frame upgrade (.150 rail thickness).

(2) Refer to notes below for powertrain/chassis upgrades included with available trim levels.

(3) All 122" WB models get a stiffer 36 mm solid stabilizer bar along with models equipped with either the Trailer Tow Package (53A) or the Max. Trailer Tow Package (53C). Models with the Heavy-duty Payload Package (627) get a 36 mm solid stabilizer bar as well.

NOTE: Refer to Weight Ratings for Standard & Available Weight Rating Specifications (GVWR/Payload/Spring & GAWR/Base Curb Weight).

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2016 F-150
F-150 4x4 Styleside Pickup[1, 2]

POWERTRAIN:		Refer to the Ordering Guide for 50 States Usage
Engine	Type	3.5L Ti-VCT V6
Transmission	Type	6R80E 6-Speed Auto OD
Transfer Case	Type	Electronic Shift
	Low/High Gear Ratio	2.64:1/1.00:1
AXLES:		
Front Axle	Type	Long-spindle Double-wishbone, Coil-over-shock IFS
	Capacity (Rating @ Ground)	3225 lbs. Regular Cab, 3450 lbs. SuperCab and SuperCrew
Rear Axle	Type	Semi-floating
	Capacity (Rating @ Ground)	3300 lbs.
BRAKES:		
Front/Rear Disc	Type	Vented, Twin-piston Front and Single-piston Rear Caliper
	Rotor Diameter — Front/Rear	13.8"/13.7"
Power Assist Unit	Type	Tandem-diaphragm
	Effective Diameter	9.07" Front/8.98" Rear
Anti-Lock Braking System		4-wheel (4-channel with Electronic Brake Force Distribution)
Parking Brake (Rear Brakes)		Foot-operated, Hand Release
ELECTRICAL:		
Alternator	Rating	200 Amp, 2700 Watt/240 Amp, 3240 Watt
Battery	Type	Maintenance-free (Battery Saver System Standard)
	Rating	70 Amp-hr., 610 CCA; 80 Amp-hr., 730 CCA
Harnesses	Type	3-pin Connector
FUEL TANK:	Capacity	23.0 Gal.
JACK:	Capacity	2 Tons
STEERING:	Type	Power, Rack-and-pinion; Electric Power-assist
	Ratio	20.0:1 122" WB, 141" WB, 17.0:1 145" WB, 157" WB, 164" WB

Continued next page

2016 F-150
F-150 4x4 Styleside Pickup[1, 2]
(Continued)

SUSPENSION:		
Frame	Type	Fully boxed, modular high-strength steel with 8 crossmembers that are welded on both sides
	Section Modulus (cu. in.)	See Frame Specifications
Springs, Front	Type	Coil, Computer-selected
	Rating @ Ground (min.)	NA
Springs, Rear	Type	Leaf, Two-stage Variable-rate, Computer-selected
	Rating @ Ground (min.)	NA
Shock Absorbers	Gas-type	Front 1.38"/Rear 1.26"
Stabilizer Bar	Position/Diameter/Type	Front/36 mm/Hollow(3)
TIRES:	Type	Steel-belted Radial All-terrain
	Size	Five P235/75Rx17 BSW Less 8200-lb. GVWR; Five LT245/75Rx17E BSW with 8200-lb. GVWR
	Spare Tire Carrier	Rear Underframe, Winch-type with Safety Catch (Locking-type, Lock Cylinder in Rear Bumper Opened by Ignition Key)
WHEELS:	Type and Size	Four 17" x 7.5" Gray Styled Steel with Same-size Steel Spare (6-hole Disc); Five 17" x 7.5" 7-lug Steel (7-hole Disc) with 8200-lb. GVWR

(1) 8200-lb. GVWR is included with the available Heavy-duty Payload Package (627) and requires either the 5.0L Ti-VCT V8 or 3.5L Ti-VCT V6 engine. In addition to the equipment listed above, this package also includes Super Engine Cooling, 9-channel oil-to-air auxiliary transmission oil cooler, frame upgrade (.150 rail thickness).
(2) Refer to notes below for powertrain/chassis upgrades included with available trim levels.
(3) All 122" WB models get a stiffer 36 mm solid stabilizer bar along with models equipped with either the Trailer Tow Package (53A) or the Max. Trailer Tow Package (53C). Models with the Heavy-duty Payload Package (627) get a 36 mm solid stabilizer bar as well.

NOTE: Refer to Weight Ratings for Standard & Available Weight Rating Specifications (GVWR/Payload/Spring & GAWR/Base Curb Weight).

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2016 F-150 (Axles)

Front Axle Specifications

Series/Model		F-150 4x2	F-150 4x4
Type		Long-spindle Double-wishbone, Coil-over-shock Independent Front Suspension	
Max. Rating @ Ground (lbs.)		3750	3750
Upper Control Arm	Material	Stamped Steel	
Lower Control Arm	Material	Stamped Steel	
Spring	Type	Coil-over-shock, Computer-selected	
Ball Joints		Lubed-for-Life	
Spindle	Material	Cast Aluminum Body with Forged Steel Stem	
Wheel Bearings	Type	Self-retained Tapered Roller (GEN II Cartridge)	

Rear Axle Specifications

Series/Model		F-150 4x2			F-150 4x4		
Max. Rating @ Ground (lbs.) (Engine)		4800(1)			4800(1)		
Make		Standard/Electronic-locking		Electronic-locking	Standard/Electronic-locking		Electronic-locking
Axle Ratios (:1)		3.31, 3.55, 3.73	3.15, 3.55, 3.73	3.73	3.55, 3.73	3.31, 3.55, 3.73	3.73
Ring Gear	Pitch Diameter (in.)	8.80	9.75	9.75HD	8.80	9.75	9.75HD
Housing	Type	Cast Center					
	Cover Attachment	Bolted					
Lubricant Capacity (pt.)		4.0–4.15		5.5–5.65	4.0–4.15		5.5–5.65
Wheel Bearings	Type	Straight Roller					
Gears	Type	Hypoid					
	Material	Alloy Steel					
Pinion	Mounting	Overhung					
Differential	Type	2-pinion					
	Bearings	Tapered Roller					

(1) With Heavy-duty Payload Package.

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2016 F-150 (Brakes)

Four-wheel Vented Disc (ABS)

Type	Model	Axle Usage	Rotor Dia. (in.)		Brake Lining Segment	Area (sq. in.)/ Width (in.)/ Thickness (in.)	Caliper Piston Dia. (in.)	Gross Lining Area Per Axle (sq. in.)	Total Swept Area Per Axle (sq. in.)
			OD	ID					
Rotor (Disc)	All	All	13.8	9.33	Outboard	9.99/2.53/0.55	Dual 2.13	40.6	297.5
					Inboard	10.36/2.53/0.55			

Hydraulic Brake Equipment Specifications — Rear Disc

Type	Model	Axle Usage (in.)	Rotor Dia. (in.)		Brake Lining Segment	Area (sq. in.)/ Width (in.)/ Thickness (in.)	Caliper Piston Dia. (in.)	Gross Lining Area Per Axle (sq. in.)	Total Swept Area Per Axle (sq. in.)
			OD	ID					
Rotor (Disc)	DIH	9.75, 8.8 w/5.0L Ti-VCT V8	13.7	10.28	Outboard	3.88/1.48/0.41	Single 2.13	15.5	254.5
Rotor (Disc)	Elec. Pk. Brake	8.8 (less 5.0L Ti-VCT V8)	13.23	9.57	Outboard	4.31/1.54/0.43	Single 2.13	17.2	254.1

Brake Master Cylinder Specifications

Type	Bore Dia. (in.)
Dual-bore	1.187–1.370

Power Brakes Vacuum Booster Specifications

Make/Type	Effective Dia. (in.)	Outside Dia. (in.)	Diaphragm Type
Dash-mounted	9.07 Front/8.98 Rear	9.93 Max. OD	Tandem

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

Cooling System Specifications

Engine	Radiator Usage[1]	Frontal Area (sq. cm.)	Core Size (mm)			Rows of Tubes	Fins Per dm	Cooling System Cap. (liters)	Fans[2]	
			Height	Width	Core				Diameter (mm)	No. of Blades
3.5L Ti-VCT V6	Standard	400	454.3	880	26	56	85	14.50	370/396	5/5
2.7L EcoBoost V6	Standard	400	454.3	880	26	56	85	15.50	370/396	5/5
5.0L Ti-VCT V8	Standard	400	454.3	880	26	56	85	15.00	370/396	5/5
3.5L EcoBoost V6	Standard	400	454.3	880	26	56	85	14.75	370/396	5/5

(1) All radiators include in-tank oil-to-water transmission oil cooler, except 5.0L does not include iTOC.

(2) Larger fan is nylon; the smaller fan is glass-filled polypropylene.

Auxiliary Automatic Transmission Oil Cooler Applications

Engine	Transmission	Cooler Applications		
		Standard	Trailer Tow Package (Class IV)	Heavy Payload Group
3.5L Ti-VCT V6	6R80E	4-channel	4-channel	—
2.7L EcoBoost V6	6R80E	4-channel	4-channel	—
5.0L Ti-VCT V8	6R80E	4-channel	4-channel	—
3.5L EcoBoost V6	6R80E	4-channel	4-channel	4-channel

Electrical
Alternator Specifications

Output (ampere)[1]	200	240
Output (watts)	2700	3240

(1) Actual output is temperature- and application-dependent.

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2016 F-150
Battery Applications

Ampere-Hour Rating	70	80
Cold-Cranking Amps at 0°F	**610**	**730**
F-150		
2.7L EcoBoost V6	XL/XLT[1]	Lariat[1]
3.5L EcoBoost V6	XL/XLT	Lariat/King Ranch/Platinum/Limited
3.5L V6	XL/XLT	
5.0L V8	XL/XLT	Lariat/King Ranch/Platinum

(1) Absorbent Glass Mat (AGM) battery.

Fuel System Data

Sequential Electronic Fuel Injection	3.5L Ti-VCT V6	Multiport
	2.7L EcoBoost V6	Direct
	5.0L Ti-VCT V8	Multiport
	3.5L EcoBoost V6	Direct
Fuel Pump	Single Electric In-tank High-pressure	
	In-tank Electric High-pressure Engine-mounted Booster	
Fuel Filter	All Engines	In-tank Lifetime
Air Cleaner	All Engines	Dry Element, Replaceable

.Steering

Cab	Wheelbase (in.)	Rack-and-pinion Power Steering[1]		Turning Diameter (ft.) Curb-to-Curb
		Rack Speed (mm Per Revolution)	Vehicle Steering Ratio	
Regular	122	47.4	20.0:1	40.7
	141	47.4	20.0:1	46.1
SuperCab	145	54.5	17.0:1	47.1
	145 (w/Max. Trailer Tow)	54.5	17.0:1	47.1
	164	54.5	17.0:1	53.0
SuperCrew	145	54.5	17.0:1	47.8
	145 (w/Max. Trailer Tow)	54.5	17.0:1	47.8
	157	54.5	17.0:1	51.1
	157 (w/Max. Trailer Tow)	54.5	17.0:1	51.1

(1) All gears include nibble damper.
NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2016 F-150 (Suspension)

Frame Specifications

Model	Wheelbase (in.)	No. of Crossmembers	Maximum Side Rail Section (in.)	Section Modulus (cu. in.)	Yield Strength (psi)
Regular Cab 4x2	122	8	9.06 x 3.58 x .087 (LD) 9.06 x 3.58 x .1 (HD)	4.95 5.73	49,300 49,300
	141	8	9.06 x 3.58 x .087 (LD) 9.06 x 3.58 x .11 (HD/HPP)	4.95 6.28	49,300 49,300
Regular Cab 4x4	122	8	9.06 x 3.58 x .087 (LD) 9.06 x 3.58 x .1 (HD)	4.95 5.73	49,300 49,300
	141	8	9.06 x 3.58 x .087 (LD) 9.06 x 3.58 x .11 (HD/HPP)	4.95 6.28	49,300 49,300
SuperCab 4x2	145	8	9.06 x 3.58 x .087 (LD) 9.06 x 3.58 x .1 (HD)	4.95 5.73	49,300 49,300
SuperCab 4x4	145	8	9.06 x 3.58 x .087 (LD) 9.06 x 3.58 x .1 (HD)	4.95 5.93	49,300 49,300
SuperCrew 4x2	145	8	9.06 x 3.58 x .087 (LD) 9.06 x 3.58 x .1 (HD)	4.95 5.73	49,300 49,300
SuperCrew 4x2	157	8	9.06 x 3.58 x .1 (HD) 9.06 x 3.58 x .11 (HPP)	5.73 6.28	49,300 49,300
SuperCrew 4x4	145	8	9.06 x 3.58 x .087 (LD) 9.06 x 3.58 x .1 (HD)	4.95 5.73	49,300 49,300
SuperCrew 4x4	157	8	9.06 x 3.58 x .1 (HD) 9.06 x 3.58 x .11 (HPP)	5.73 6.28	49,300 49,300
SuperCab 4x2	164	8	9.06 x 3.58 x .087 (LD) 9.06 x 3.58 x .11 (HD/HPP)	4.95 6.28	49,300 49,300
SuperCab 4x4	164	8	9.06 x 3.58 x .11 (HD/HPP)	6.28	49,300

Shock Absorber Specifications

Usage	Front			Rear		
	No. Used	Piston Dia. (in.)	Type	No. Used	Piston Dia. (in.)	Type
Standard	2	1.38	Gas-pressurized	2	1.26	Gas-pressurized

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2016 F-150 (Suspension continued)

Spring Specifications — Front Coil

Model	Combined Rating @ Ground (lbs.)	Normal Working Height of Spring (in.)	Inside Dia. (in.)	Wire Dia. (in.)	Deflection Rate @ Ground (lbs. per in. ea.)
4x2/4x4[1]	2850	12.0	3.75	.619	314
	3000	12.0	3.75	.640	354
	3150	12.0	3.75	.659	394
	3225	12.0	3.75	.678	433
	3300	12.0	3.75	.678	433
	3375	12.0	3.75	.695	473
	3450	12.0	3.75	.695	473
	3525	12.0	3.75	.712	513
	3600	12.0	3.75	.712	513
	3750	12.0	3.75	.727	553
4x2/4x4(2)	3400	12.0	3.75	.752	633
	3750	12.0	3.75	.744	633

(1) Except Heavy-duty Payload Package.

(2) With Heavy-duty Payload Package only.

Spring Specifications — Rear Main Leaf

Comb. Rating @ Ground (lbs.)	Number of Leaves	Total Thickness @ Pad (in.)	Length (in.)	Width (in.)	Deflection Rate (lbs. per in./spring)
3500	2 + 1	1.75	64.5	3.0	181/385
3850	2 + 1	1.79	64.5	3.0	199/426
4220	2 + 1	2.17	64.5	3.0	216/440
4220	3 + 1	2.19	64.5	3.0	203/442
4800	3 + 1	2.19	64.5	3.0	200/457

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2016 F-150

Tire Specifications

Size	Rim Width (in.)	Section Width (in.)	Static Loaded Radius (in.)
P245/70R17 110T A/S BSW	7.5	9.88	13.70
P265/70R17 115T A/T OWL	7.5	10.86	14.13
P265/60R18 110T A/S BSW	7.5	10.24	13.70
P265/60R18 110T A/S BSW	7.5	10.39	13.70
P275/45R22 112V A/S BSW	9.0	10.71	14.58
P275/65R18 116T A/T OWL	7.5	10.98	14.33
P275/55R20 113H A/S BSW	8.5	10.98	14.41
P275/55R20 113T A/T OWL	8.5	11.06	14.60
P275/55R20 113T A/T BSW	8.5	11.10	14.52
LT245/70R17 114S A/T BSW	7.5	9.96	14.37
LT275/65R18 113S A/T OWL	7.5	11.10	14.88

Wheel Specifications

Wheel Type	Wheel Size (in.)	Inset (in./mm)	No. of Studs	Bolt Circle (in./mm)	Maximum Wheel Capacity Load Front/Rear (lbs.)
Silver Steel (Heavy-duty Payload Package)	17 x 7.5	1.73/44	6	5.3/135	2022/2275
Silver Steel	17 x 7.5	1.73/44	6	5.3/135	1825/2025
Silver Painted Aluminum	17 x 7.5	1.73/44	6	5.3/135	1825/2028
6-spoke Machined Aluminum	18 x 7.5	1.73/44	6	5.3/135	1825/2028
Silver Aluminum (Heavy-duty Payload Package)	18 x 7.5	1.73/44	6	5.3/135	1991/2275
Machined Aluminum	18 x 7.5	1.73/44	6	5.3/135	1825/2028
Chrome-like PVD	18 x 7.5	1.73/44	6	5.3/135	1825/2028
Machined Aluminum w/Painted Pockets	20 x 8.5	1.73/44	6	5.3/135	1825/2028
Aluminum	20 x 8.5	1.73/44	6	5.3/135	1825/2028
6-spoke Premium Painted Aluminum	20 x 8.5	1.73/44	6	5.3/135	1825/2028
Chrome-like PVD Aluminum	20 x 8.5	1.73/44	6	5.3/135	1825/2028
Polished Aluminum	20 x 8.5	1.73/44	6	5.3/135	1825/2028
Polished Aluminum	22 x 9.0	1.73/44	6	5.3/135	1825/2028

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2016 F-150
Automatic Transmission Specifications

Make/Type	Ford 6-speed Automatic Overdrive (6R80E)
Engines	3.5L Ti-VCT V6, 2.7L EcoBoost V6, 5.0L Ti-VCT V8, 3.5L EcoBoost V6
Ratios (to 1):	
1st	4.17
2nd	2.34
3rd	1.52
4th	1.14
5th	0.86
6th	0.69
Reverse	3.40
Converter Size and Type	260 mm 155K (Single-stage Conventional)
Converter Stall Ratio	2.30
Lubricant Capacity (qt.)	12.0
Planetary	Simple and Ravigneaux
Helical Gears	All
Oil Cooler	Refer to chart on page 12
Turbine Speed Sensor System	Yes
Fully Electronic Shift Scheduling	Yes
Weight (with Fluid)	211 lbs. (4x2)/208 lbs. (4x4)

Transfer Case Specifications

Shift Type	Electric Shift-On-the-Fly (ESOF)/ 2-speed Automatic Four-wheel Drive (4WD)
Gear Type	2-speed Planetary Gears
Lubricant Capacity (qt.)	1.3 – 1.5 liters
Gear Ratio — High	1.00:1
Gear Ratio — Low	2.64:1
Case Material	Magnesium

NOTE: Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.